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\*\*REGISTERED PATENT AGENTS

February 24, 2000

WRITER'S DIRECT NUMBER:  
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INTERNET ADDRESS:  
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*Box Patent Application*

Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. To be assigned; Filed: Herewith  
For: **System and Method for Information Assimilation and Functionality  
Control Based on Positioning Information Obtained by Impulse  
Radio Techniques**  
Inventor(s): Taylor et al.  
Our Ref: 1659.0930000

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. USPTO Utility Patent Application Transmittal Form PTO/SB/05;
2. U.S. Utility Patent Application entitled:

**System and Method for Information Assimilation and Functionality Control  
Based on Positioning Information Obtained by Impulse Radio Techniques**

and naming as inventor(s):

Elise Taylor  
James S. Finn

Assistant Commissioner for Patents

February 24, 2000

Page 2

the application comprising:

a. A specification containing:

- (i) 31 pages of description prior to the claims;
- (ii) 4 pages of claims (25 claims);
- (iii) a one (1) page abstract;

b. 14 sheets of drawings: (Figures 1A, 1B, 2A, 2B, 3, 4, 5A-5H, 6, 7, 8A-8C, 9A, 9B and 10-12);

3. Fee Transmittal Form PTO/SB/17;

4. Authorization to Treat a Reply as Incorporating an Extension of Time under 37 C.F.R. § 1.136(a)(3) (*in duplicate*); and

5. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Donald J. Featherstone  
Attorney for Applicants  
Registration No. 33,876

Please type a sign(+) inside the box



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j-714 U.S. PTO  
02/24/00

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	1659.0930000
First Inventor or Application Identifier	Elise Taylor
Title	System and Method for Information Assimilation and Functionality Control Based on Positioning Information Obtained by Impulse Radio Techniques
Express Mail Label No.	

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231j-714 U.S. PTO  
02/24/00  
1659.0930000

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Specification [Total Pages 36]  
(preferred arrangement set forth below)  
 Descriptive title of the Invention  
 Cross References to Related Applications  
 Statement Regarding Fed sponsored R & D  
 Reference to Microfiche Appendix  
 Background of the Invention  
 Brief Summary of the Invention  
 Brief Description of the Drawings (if filed)  
 Detailed Description  
 Claim(s)  
 Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 14]
4.  Oath or Declaration [Total Pages       ]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)  
*[Note Box 5 below]*  
i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6.  Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a.  Computer Readable Copy  
b.  Paper Copy (identical to computer copy)  
c.  Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8.  Assignment Papers (cover sheet & document(s))
9.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
10.  English Translation Document (if applicable)
11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
12.  Preliminary Amendment
13.  Two Return Receipt Postcards (MPEP 503)  
(Should be specifically itemized)
14.  \*Small Entity Statement(s)  Statement filed in prior application, Status still proper and desired
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Other: 37 C.F.R. § 1.136(a)(3) Authorization  
 Other:

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation     Divisional     Continuation-in-Part (CIP) of prior application No:        /       

Prior application information: Examiner \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

 Customer Number  
or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or  Correspondence  
address below

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NAME (Print/Type)	Donald J. Featherstone	Registration No. (Attorney/Agent)	33,876
SIGNATURE		Date	2/24/00.

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<b>FEE TRANSMITTAL</b> for FY 2000		<b>Complete if Known</b>	
<p style="text-align: center;"><i>Patent fees are subject to annual revision.</i></p> <p style="text-align: center;"><i>Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.</i></p>		<b>Application Number</b>	To be assigned
		<b>Filing Date</b>	Herewith
		<b>First Named Inventor</b>	Elise Taylor
		<b>Examiner Name</b>	To be assigned
		<b>Group / Art Unit</b>	To be assigned
		<b>Attorney Docket Number</b>	1659.0930000
<b>TOTAL AMOUNT OF PAYMENT</b>		(\$00.00)	

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																													
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number <b>19-0036</b></p> <p>Deposit Account Name <b>Sterne, Kessler, Goldstein &amp; Fox P.L.L.C.</b></p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th style="text-align: left;">Large Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Small Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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